1 Identification of the substance/mixture and of the company/undertaking

· Informations to product No. 3026
· Product name:

**Oleum Arachidis hydrogenatum**
*Hydriertes Erdnussöl*
*Hydrogenated peanut oil*

· Supplier of the Product / responsible Company:
Caesar & Loretz GmbH
Herderstr. 31
40721 Hilden
Tel.: 02103/4994-0
Fax: 02103/32360
e-mail: info@caelo.de

· Emergency telephone:
Giftinformationszentrum Mainz
Langenbeckstr. 1, 55131 Mainz
Tel.: 06131/19240

· Relevant identified uses of the substance or mixture and uses advised against:
No further relevant information available.

· Application of the substance / mixture:
Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

· Hazards identification: The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· Chemical characterization
· Description: Fatty oil, solidified by hydrogenation.
Fatty acid composition:
< C 14 Ph. Eur. [2.4.22] max. 0,5 %
14:0 myristic acid Ph. Eur. [2.4.22] max. 0,5 %
16:0 palmitic acid Ph. Eur. [2.4.22] 7,0 - 16,0 %
18:0 stearic acid Ph. Eur. [2.4.22] 3,0 - 19,0 %
18:1 oleic acid and isomers Ph. Eur (ad 100%)

**CAS-No. Substance name**
68425-36-5 Hydrogenated Peanut Oil
· EINECS-No.: 270-350-9
· REACH Reg. No.: Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
· INCI-Name: Hydrogenated Peanut Oil

4 First aid measures

· After inhalation: Fresh air. If irritation of respiratory ways continues, seek medical advice.
· after skin contact: Wash away with water and soap. If product is hot: symptomatic treatment.
· after eye contact: Rinse out with plenty of water with the eyelid wide open.
· after swallowing: If feeling unwell continuously seek medical advice.

5 Fire-fighting measures

· Suitable extinguishing media: All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
· Specific hazards during fire fighting: Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases, acroleine, carbon monoxide, carbon dioxide.
· Additional information: Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures:

· Personal protective measures: No special measures required. Danger: Spilled oil makes floor slippery.
· Environmental protective measures: Prevent from entering into drains, prevent from contaminating surface water or the ground water system.
· Methods for cleaning: Take up dry. Molten product: Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

· Handling: No special measures required.
· Storage:
· Requirements for storage areas and containers: Store cool and dry, keep away from fire and ignition sources.
· Additional informations to storage conditions: Keep container dry and tightly closed. Protect from air and sunlight.

8 Exposure controls / personal protective equipment

· Personal protective equipment:
· Respiratory protection: Filter mask if aerosols are generated.
· Eye protection: If hot product is used, wear protection glasses.

9 Physical and chemical properties

· Form: solid
· Colour: white
· Odour: odourless
· Melting point / melting range: ca. 40 °C
· Boiling point / boiling range: not determined
· Flash point: > 100 °C
· Spontaneous ignition: The product is not hazardous of spontaneous ignition.
Material Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Oleum aracidis hydrogenatum

10 Stability and reactivity

- **Density**: (20 °C) ca. 0.92 g/cm³
- **Solubility in / Miscibility with**
  - **Water**: not soluble
- **pH-range**: neutral

11 Toxicological information

- **Acute toxicity**: Quantitative toxicological data for this product are not available. Food ingredient.
- **Sub-acute / chronic toxicity**: No data available. General informations about vegetable oils don’t reveal any carcinogene potential.
- **Additional toxicological informations**: In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Aquatic toxicity**: Not acute harmful for water organisms. Quantitative ecotoxicological data are not available. Harmful effects are not likely.
- **Information about elimination (persistence and degradability)**: Readily biodegradable.
- **Additional informations**: The classification is based on general informations about vegetable and animal oils. In environmental waters the product contributes to oxygen consumption. In soil the water penetration is obstructed.
- **Water hazard class**: 1 (self classification): slightly hazardous for water.

13 Disposal considerations

- **Product**:
  - **Recommendation**: Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging**:
  - **Recommendation**: Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR**:
  Not classified as dangerous in the meaning of transport regulations.
15 Regulatory information

· **Labelling according to actual legislation**: (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):
  The product does not need to be labelled according to GHS-regulations.
· **National regulations (Germany)**:
  · **Water hazard class**: see chapter 12
  · **Storage class TRGS 510**: 11

16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

· **Reason for last revision**: Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.